

Art Unit: 2815

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-43. (canceled)

44. (previously presented) A semiconductor device, comprising:

a semiconductor chip including an inner circuit, an input pad, and a wiring for connecting the input pad to the inner circuit;

a plurality of electrostatic protection elements connected to the wiring between the input pad and the inner circuit, each electrostatic protection element including two transistors each of which forms part of a respective capacitor; and

a fuse disposed between the wiring and at least one of the electrostatic protection elements.

45. (previously presented) The semiconductor device according to claim 44, wherein said electrostatic protection elements include a first electrostatic protection element and a second electrostatic protection element, said fuse being disposed between the wiring and the second electrostatic protection element.

46. (previously presented) The semiconductor device according to claim 44, wherein said semiconductor chip includes a first semiconductor chip having a first wiring and a second semiconductor chip having a second wiring, said electrostatic

Art Unit: 2815

protection elements respectively connected to the first wiring and the second wiring include a first electrostatic protection element and a second electrostatic protection element, and said fuse includes a first fuse and a second fuse, said first fuse being disposed between the first wiring and the second electrostatic protection element, said second fuse being disposed between the second wiring and the second electrostatic protection element so that the first fuse and second fuse are electrically disconnected.

47. (previously presented) The semiconductor device according to claim 44, wherein said semiconductor chip includes a first semiconductor chip having a first wiring and a second semiconductor chip having a second wiring, said electrostatic protection elements respectively connected to the first wiring and the second wiring include a first electrostatic protection element and a second electrostatic protection element, and said fuse includes first fuses and second fuses, said first fuses being disposed between the first wiring and the first electrostatic protection element and between the second wiring and the first electrostatic protection element, said second fuses being disposed between the first wiring and the second electrostatic protection element and the second wiring and the second electrostatic protection element so that at least ones of said first fuses and said second fuses being electrically disconnected.

48. (previously presented) The semiconductor device according to claim 44, wherein said semiconductor chip includes semiconductor chips in a number of n each having the wiring

Art Unit: 2815

wherein n is an integer more than 3; said electrostatic protection elements respectively connected to the wirings includes first to n -th electrostatic protection elements; and said fuse includes second to n -th fuses respectively disposed between the wirings and the second to n -th electrostatic protection elements so that the second to n -th fuses are electrically disconnected.

49. (previously presented) The semiconductor device according to claim 44, wherein said semiconductor chip includes semiconductor chips in a number of n each having the wiring wherein n is an integer more than 3; said electrostatic protection elements respectively connected to the wirings includes first to n -th electrostatic protection elements; and said fuse includes first to n -th fuses respectively disposed between the wirings and the first to n -th electrostatic protection elements so that at least one of the first to n -th fuses being electrically connected.

50. (previously presented) The semiconductor device according to claim 44, wherein said semiconductor chip includes semiconductor chips in a number of n each having the wiring wherein n is an integer more than 3; said electrostatic protection elements respectively connected to the wirings includes first to n -th electrostatic protection elements; and said fuse includes first to n -th fuses respectively disposed between the wirings and the first to n -th electrostatic protection elements so that at least two of the first to n -th fuses are electrically connected.

Art Unit: 2815

51. (previously presented) The semiconductor device according to claim 44, wherein said semiconductor chip includes semiconductor chips in a number of o or p each having the wiring wherein o and p are integers more than 2; said electrostatic protection elements respectively connected to the wirings includes a first to m -th electrostatic protection elements wherein m is a lowest common multiple of o and p ; and said fuse includes second to m -th fuses respectively disposed between the wirings and the second to m -th electrostatic protection elements so that the $(m/o + 1)$ -th to m -th fuses are electrically disconnected when the semiconductor chips are in the number of o , and the $(m/p + 1)$ -th to m -th fuses are electrically disconnected when the semiconductor chips are in the number of p .

52. (previously presented) The semiconductor device according to claim 44, wherein said semiconductor chip includes semiconductor chips in a number of o or p each having the wiring wherein o and p are integers more than 2; said electrostatic protection elements respectively connected to the wirings includes a first to m -th electrostatic protection elements wherein m is a lowest common multiple of o and p ; and said fuse includes first to m -th fuses respectively disposed between the wirings and the first to m -th electrostatic protection elements so that the $(m/o + 1)$ -th to m -th fuses are electrically disconnected when the semiconductor chips are in the number of o , and the $(m/p + 1)$ -th to m -th fuses are electrically disconnected when the semiconductor chips are in the number of p .

53. (previously presented) The semiconductor device according to claim 44, wherein each of said electrostatic

Art Unit: 2815

protection elements includes a P-channel transistor and an N-channel transistor.

54. (previously presented) The semiconductor device according to claim 44, wherein each of said electrostatic protection elements includes a grounding portion connected to ground.

55. (previously presented) The semiconductor device according to claim 53, wherein at least one of said P-channel transistor and said N-channel transistor is connected to ground.

56. (previously presented) A device, comprising:
a wiring interconnecting an input pad and an inner circuit;
electrostatic protection elements connected to the wiring at a location between the input pad and the inner circuit, each electrostatic protection element including two transistors; and
a fuse between the wiring and at least one of the electrostatic protection elements,
wherein transistors of a same type and of respective electrostatic protection elements form respective capacitors.

57. (new) A device, comprising:
a plurality of semiconductor chips, each semiconductor chip including an inner circuit, an input pad, and a wiring for connecting the input pad to the inner circuit;
a plurality of electrostatic protection elements connected to the wiring between the input pad and the inner circuit, each electrostatic protection element including two transistors each of which forms part of a respective capacitor; and

Art Unit: 2815

a fuse disposed between the wiring and at least one of the electrostatic protection elements,

wherein the input pads of the respective semiconductor chips are commonly connected.